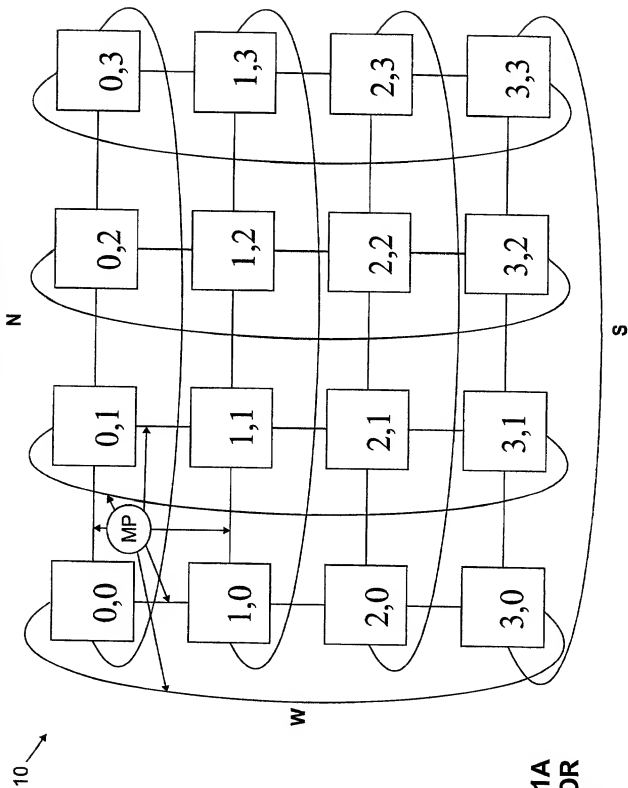


4X4 TORUS

FIG. 1A
(PRIOR
ART)

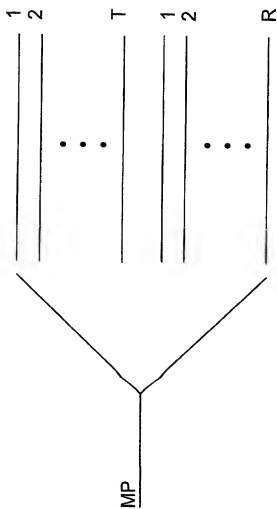


FIG. 1B
(PRIOR ART)

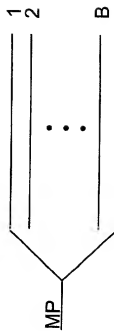
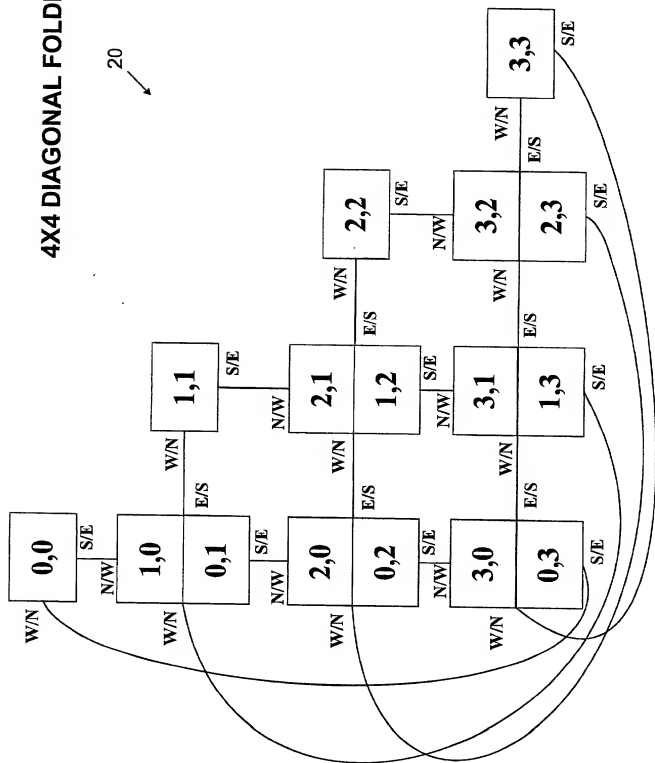


FIG. 1C
(PRIOR ART)

4X4 DIAGONAL FOLDED MESH

FIG. 2
(PRIOR
ART)

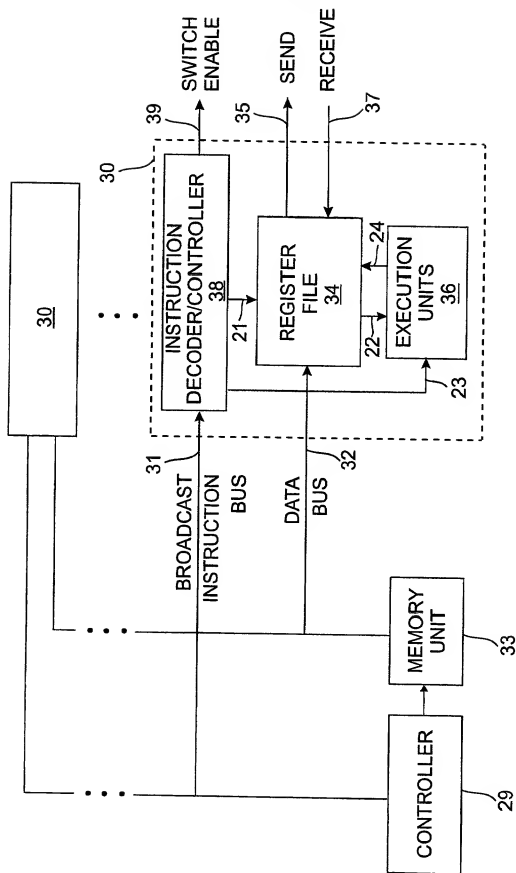


FIG. 3A

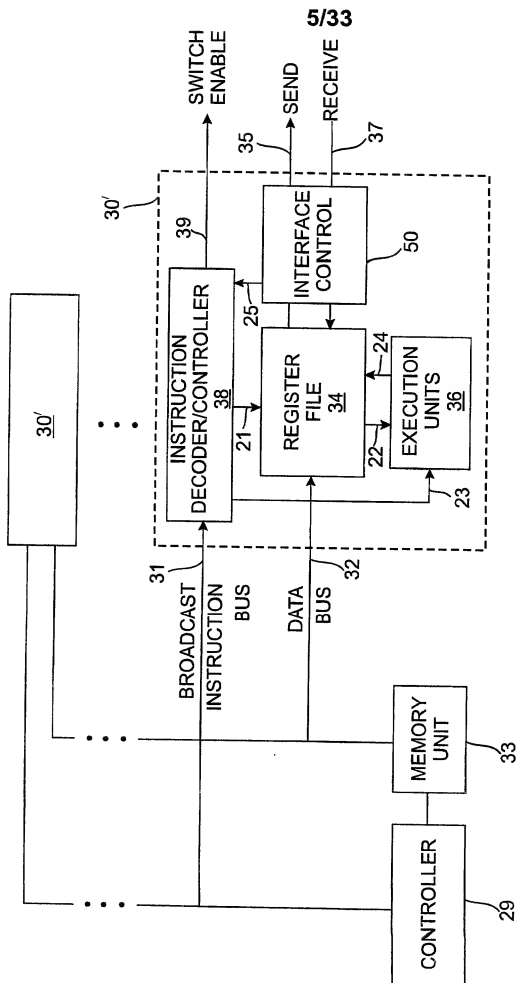


FIG. 3B

FIG. 4

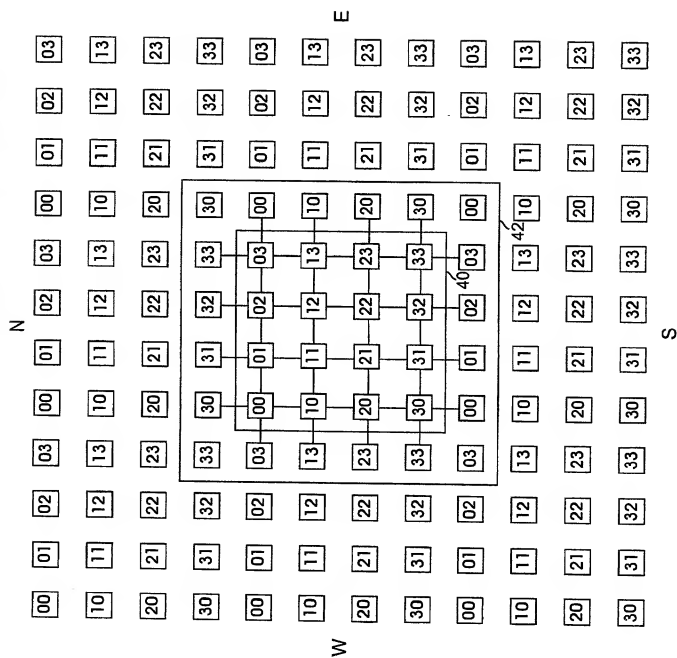


FIG. 4

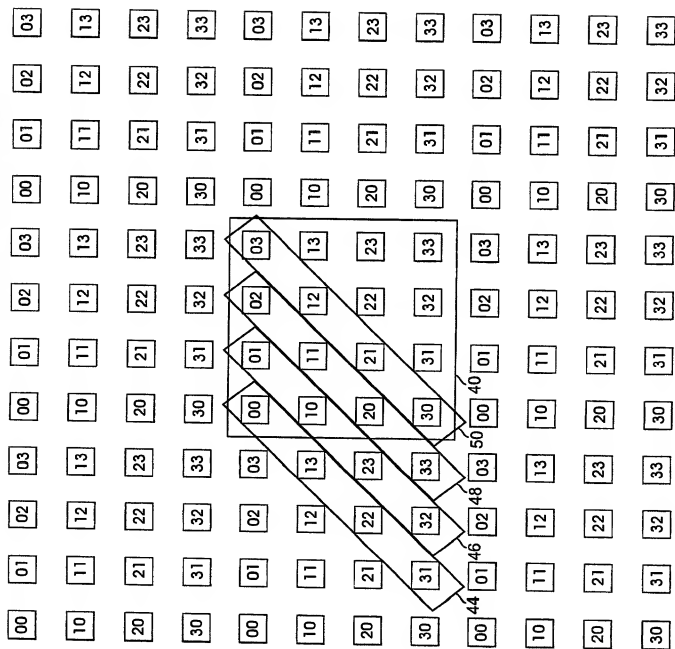


FIG. 5A

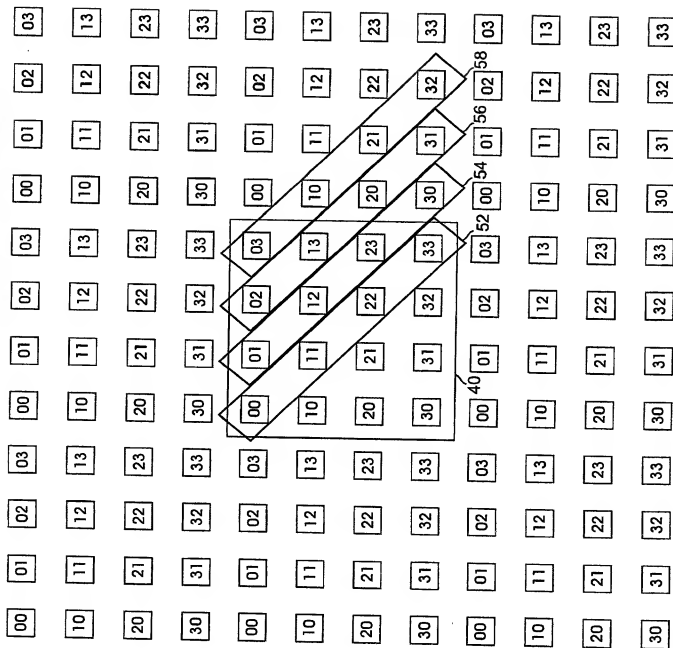


FIG. 5B

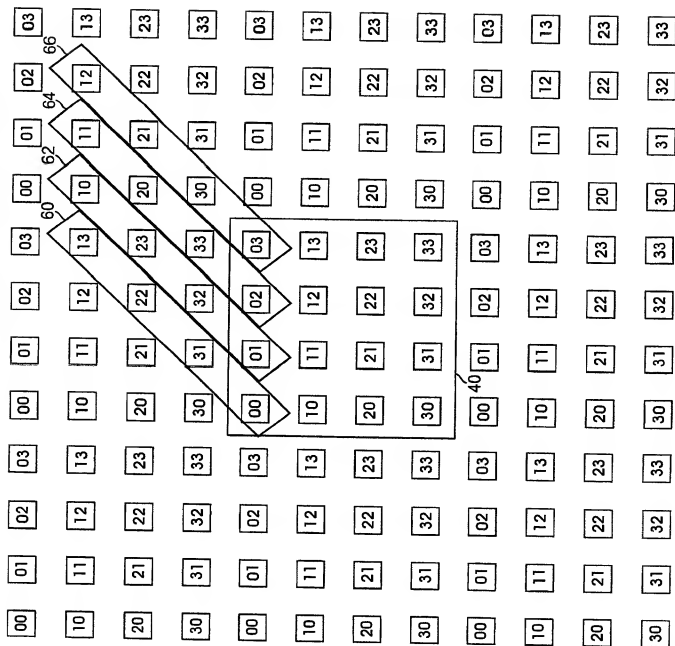


FIG. 5C

FIG. 5D

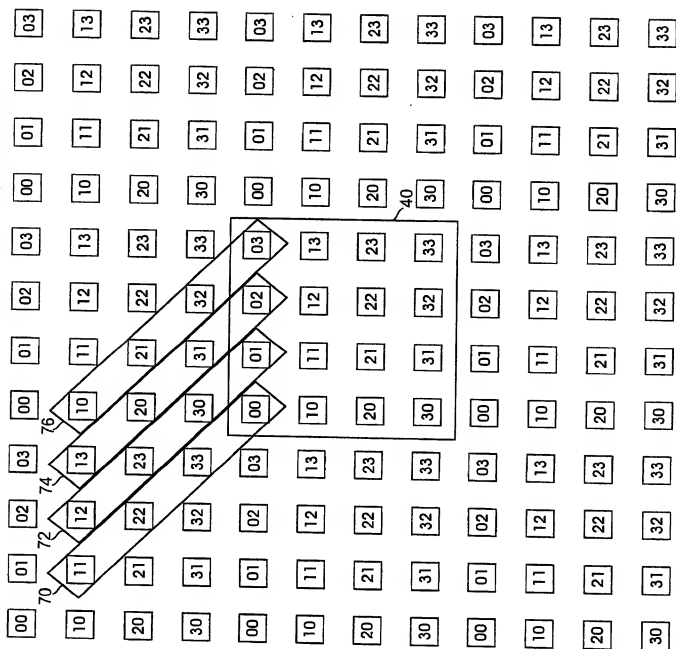
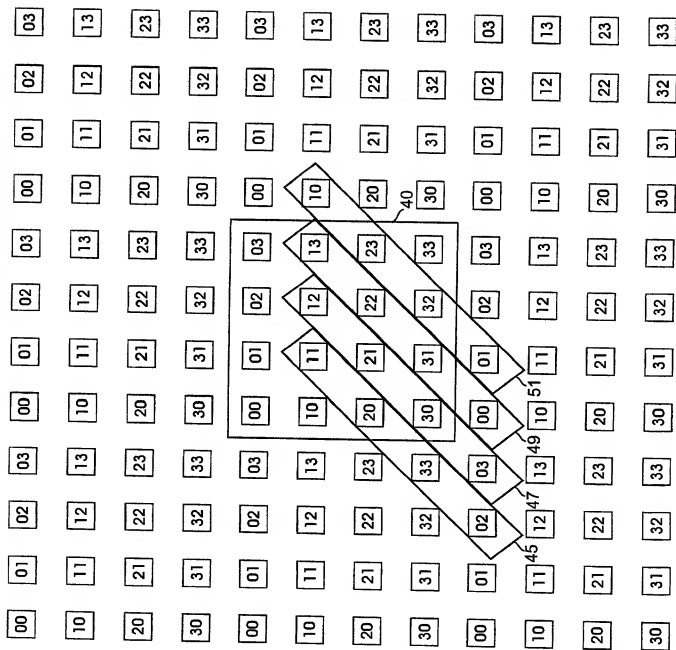


FIG. 5E



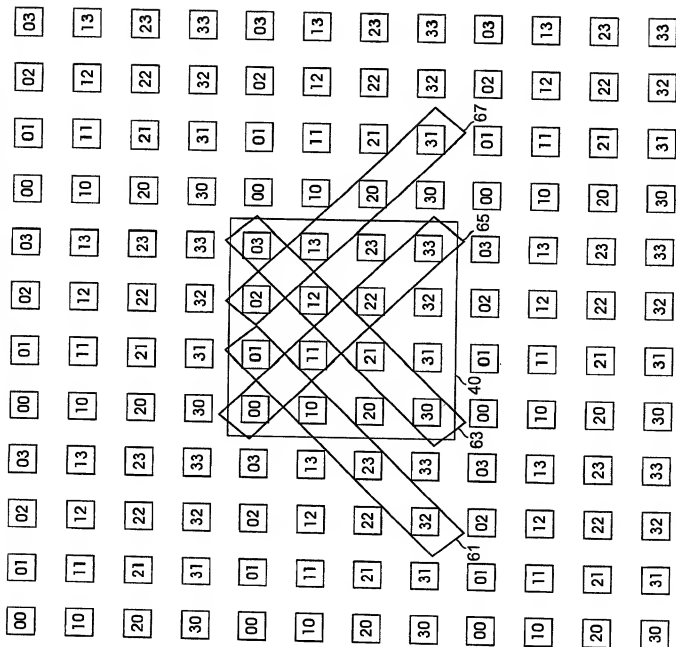


FIG. 5F

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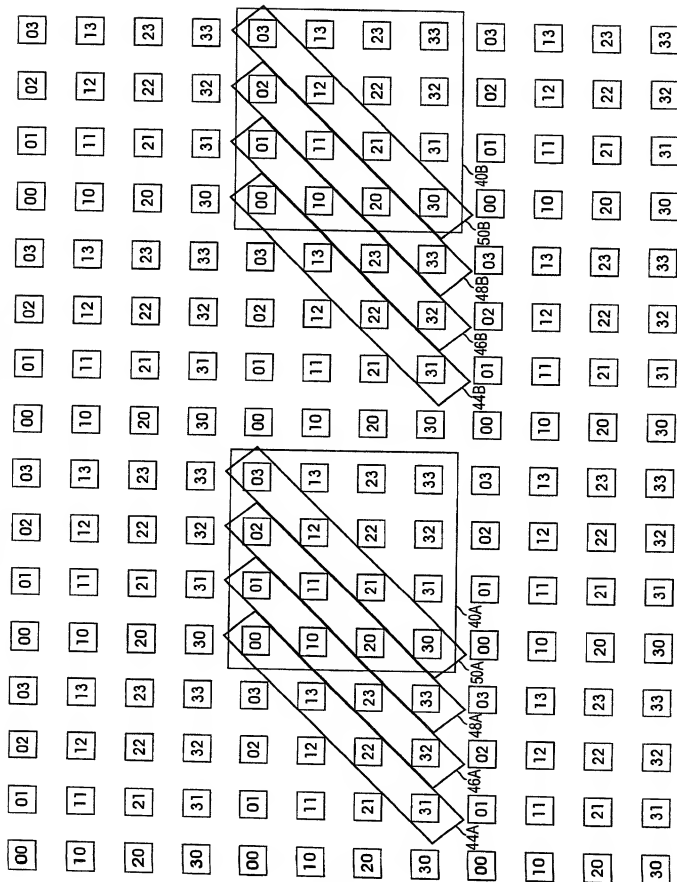
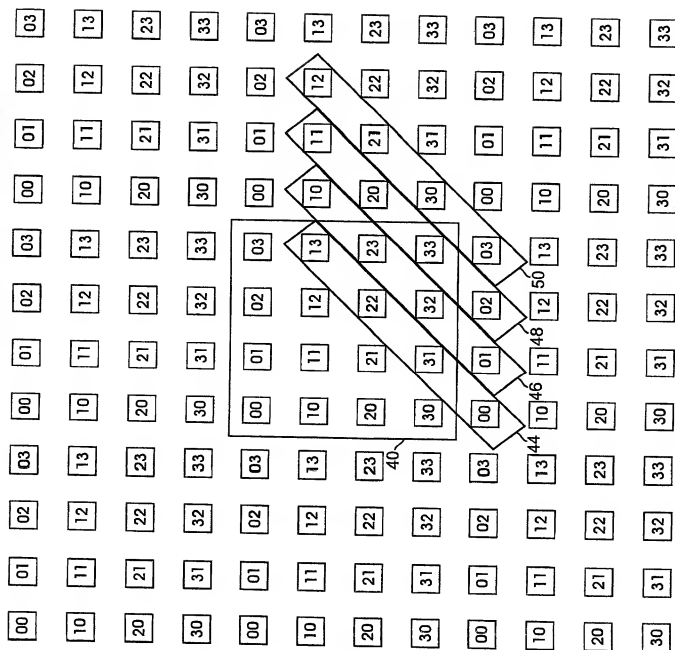


FIG. 5G

FIG. 6



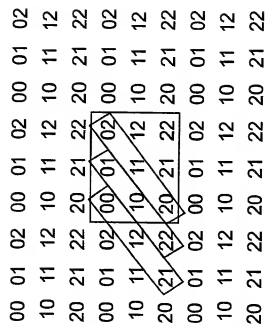


FIG. 7

00	01	02	03	04	00	01	02	03	04	00	01	02	03	04
10	11	12	13	14	10	11	12	13	14	10	11	12	13	14
20	21	22	23	24	20	21	22	23	24	20	21	22	23	24
00	01	02	03	04	00	01	02	03	04	00	01	02	03	04
10	11	12	13	14	10	11	12	13	14	10	11	12	13	14
20	21	22	23	24	20	21	22	23	24	20	21	22	23	24
00	01	02	03	04	00	01	02	03	04	00	01	02	03	04
10	11	12	13	14	10	11	12	13	14	10	11	12	13	14
20	21	22	23	24	20	21	22	23	24	20	21	22	23	24
00	01	02	03	04	00	01	02	03	04	00	01	02	03	04
10	11	12	13	14	10	11	12	13	14	10	11	12	13	14
20	21	22	23	24	20	21	22	23	24	20	21	22	23	24
00	01	02	03	04	00	01	02	03	04	00	01	02	03	04
10	11	12	13	14	10	11	12	13	14	10	11	12	13	14
20	21	22	23	24	20	21	22	23	24	20	21	22	23	24

FIG. 8

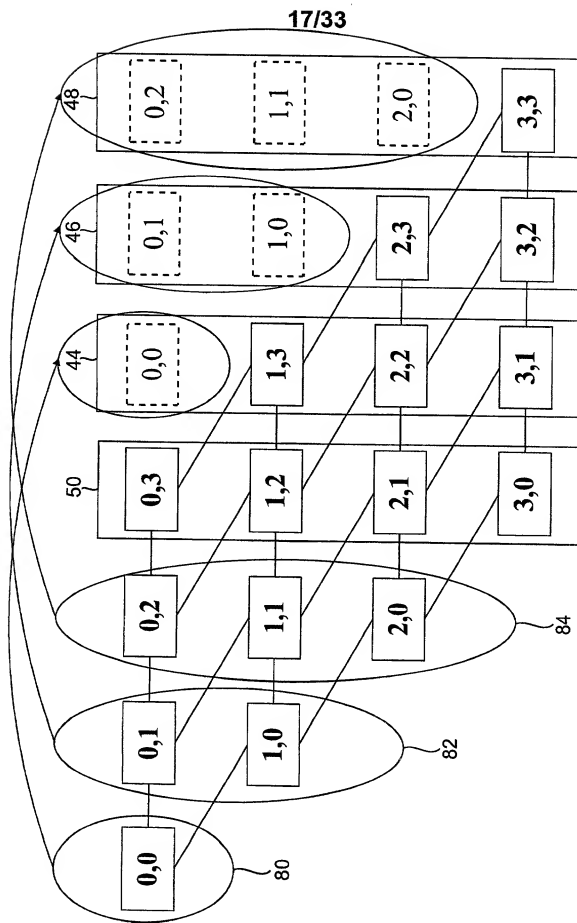


FIG. 9

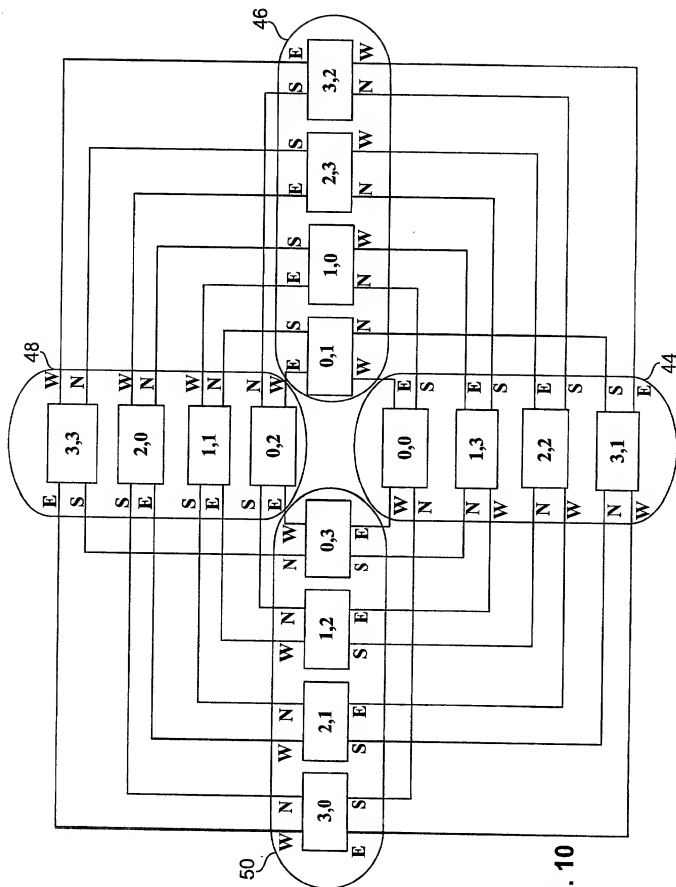
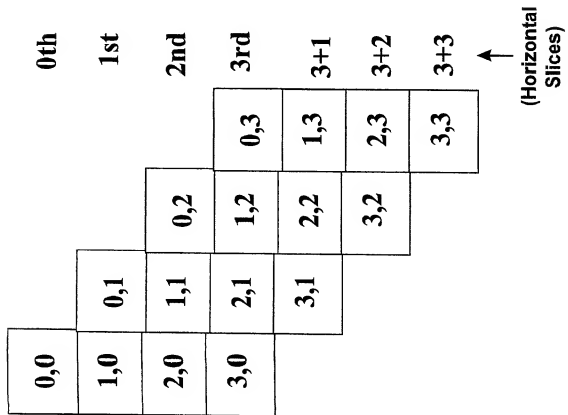
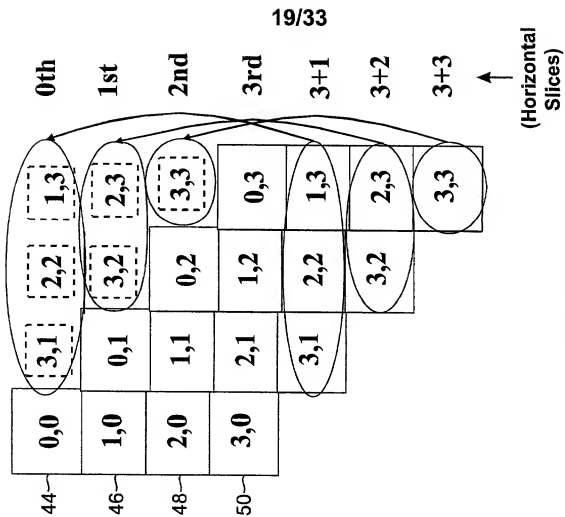


FIG. 10



4x4 Rhombus

FIG. 11A



4x4 Rhombus

FIG. 11B

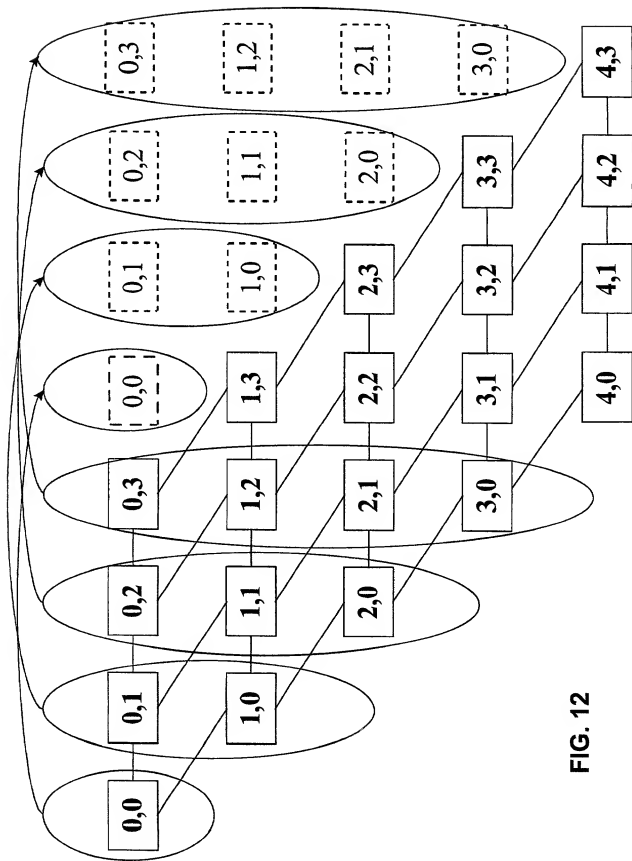


FIG. 12

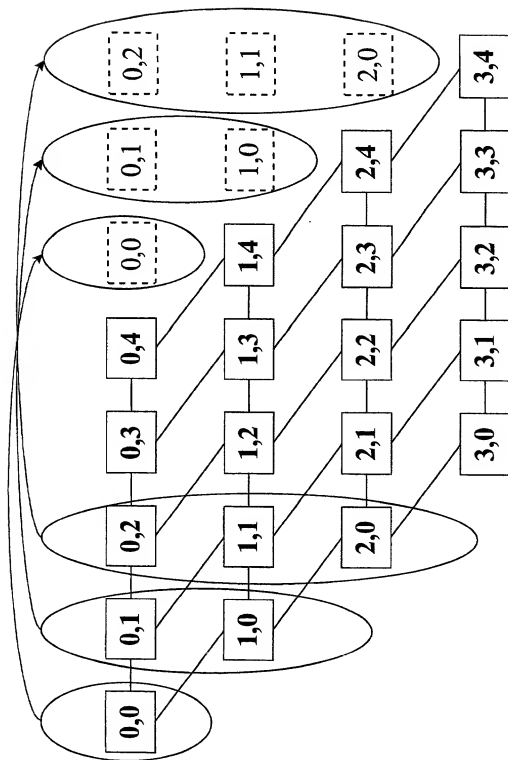


FIG. 13

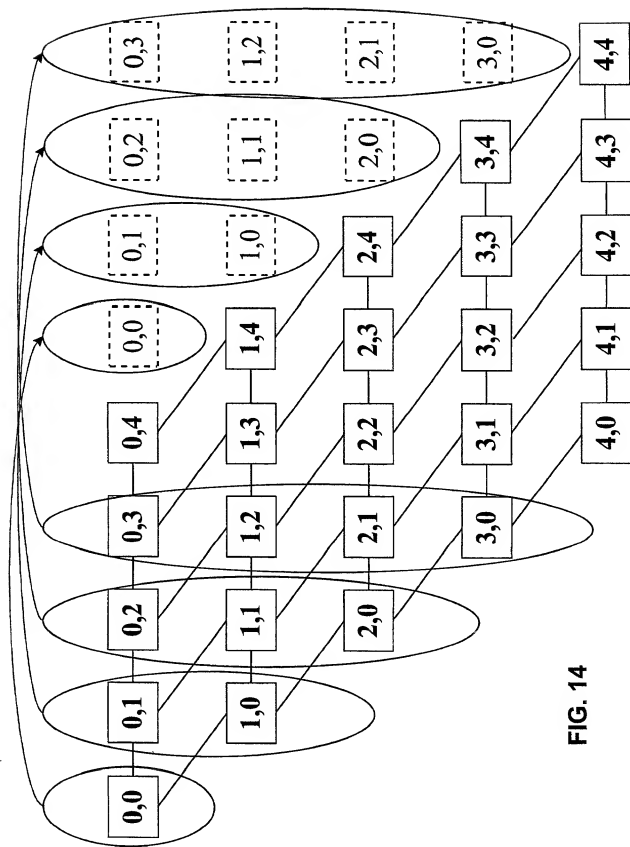


FIG. 14

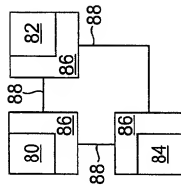


FIG. 15A

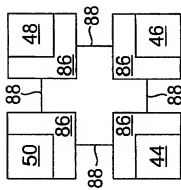


FIG. 15B

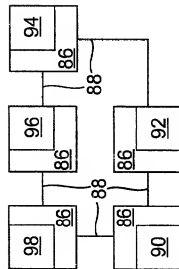


FIG. 15C

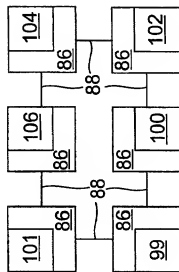
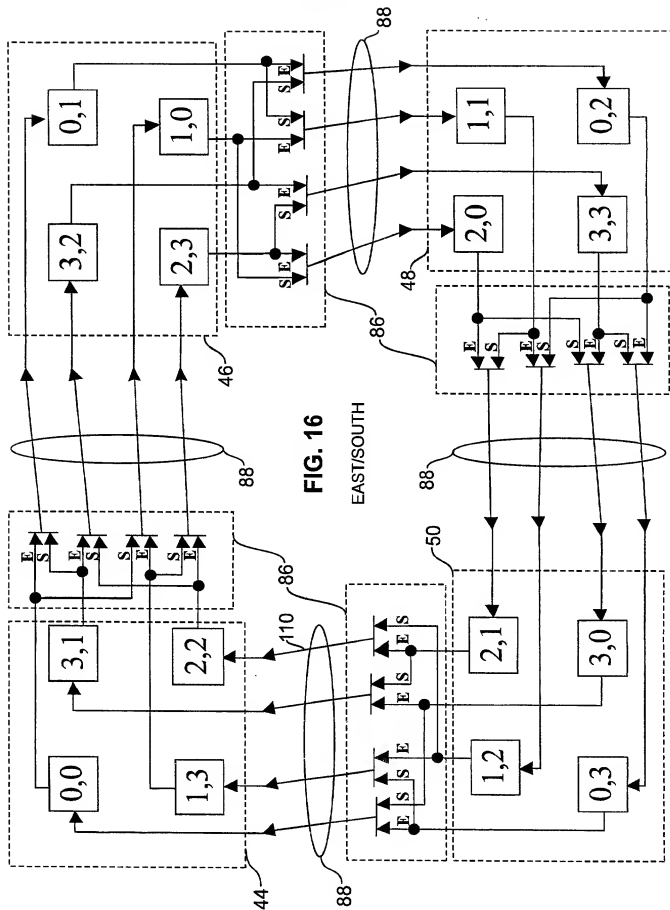
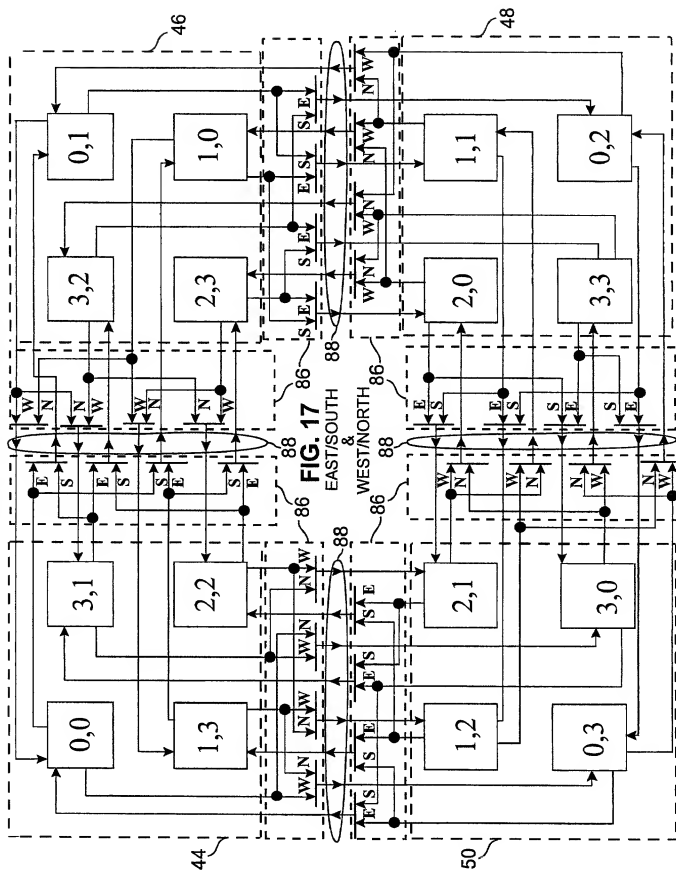
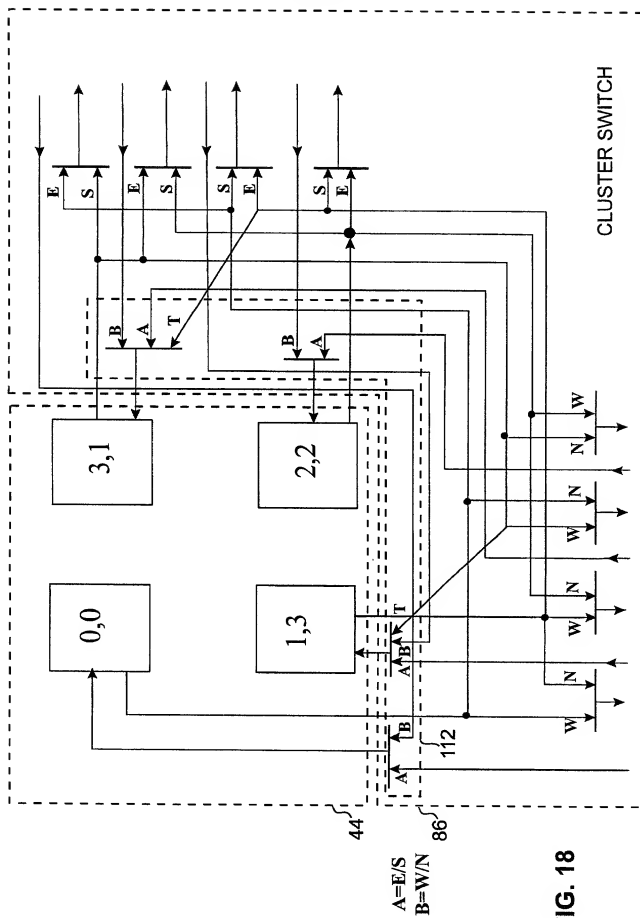


FIG. 15D







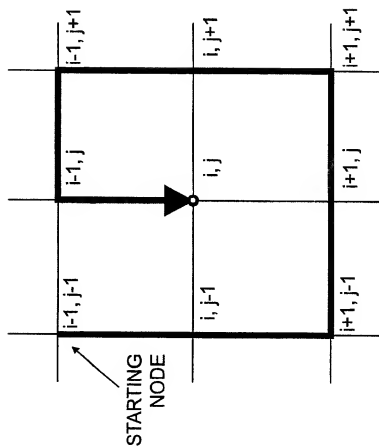
$w_{0,0}$ $w_{0,1}$ $w_{0,2}$

$w_{1,0}$ $w_{1,1}$ $w_{1,2}$

$w_{2,0}$ $w_{2,1}$ $w_{2,2}$

CONVOLUTION WINDOW

FIG. 19A



CONVOLUTION PATH FOR NODE i, j

FIG. 19B

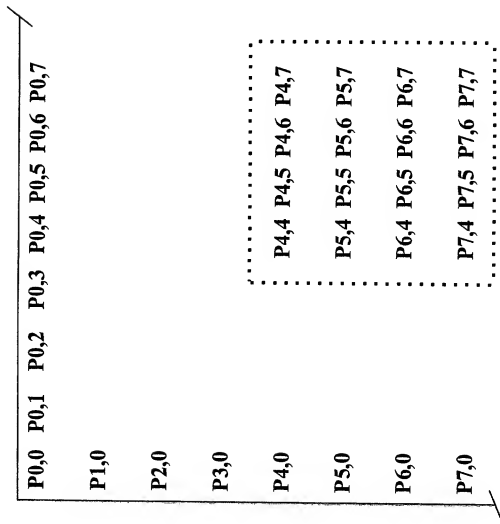


FIG. 19C

0,0	0,1	0,2	0,3
P4,4	P4,5	P4,6	P4,7
1,0	1,1	1,2	1,3
P5,4	P5,5	P5,6	P5,7
2,0	2,1	2,2	2,3
P6,4	P6,5	P6,6	P6,7
3,0	3,1	3,2	3,3
P7,4	P7,5	P7,6	P7,7

FIG. 19D

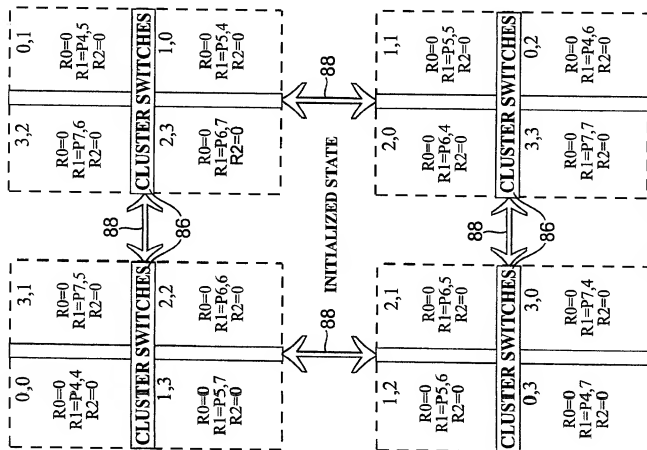


FIG. 20A

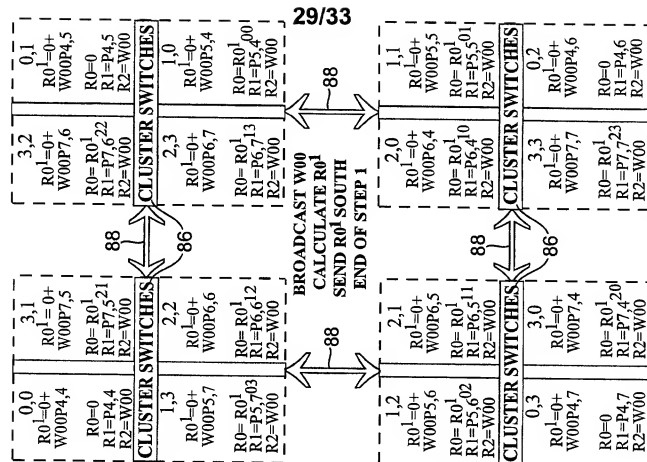


FIG. 20B

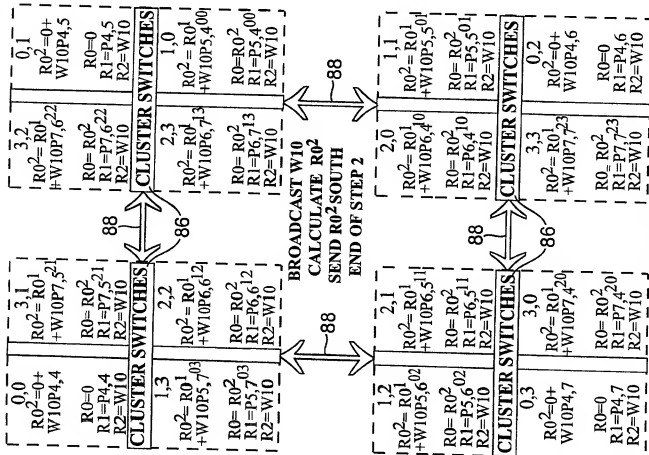


FIG. 21A

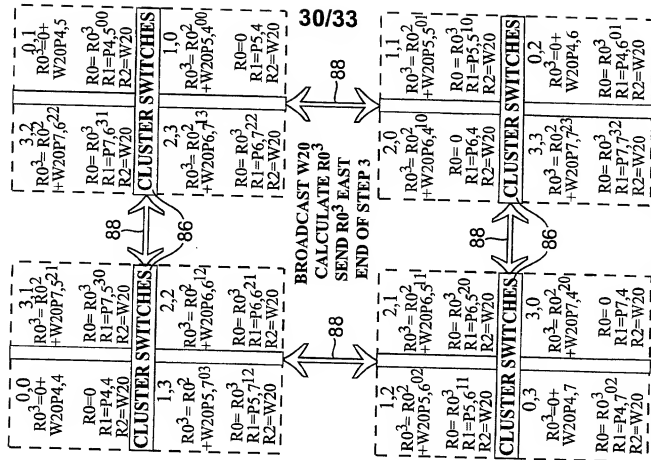
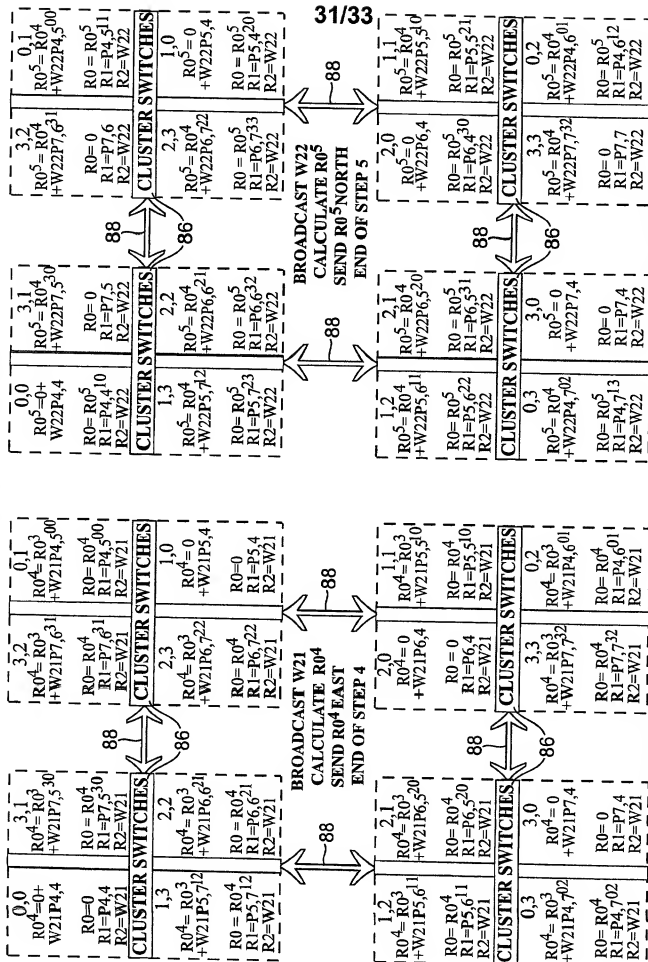


FIG. 21B



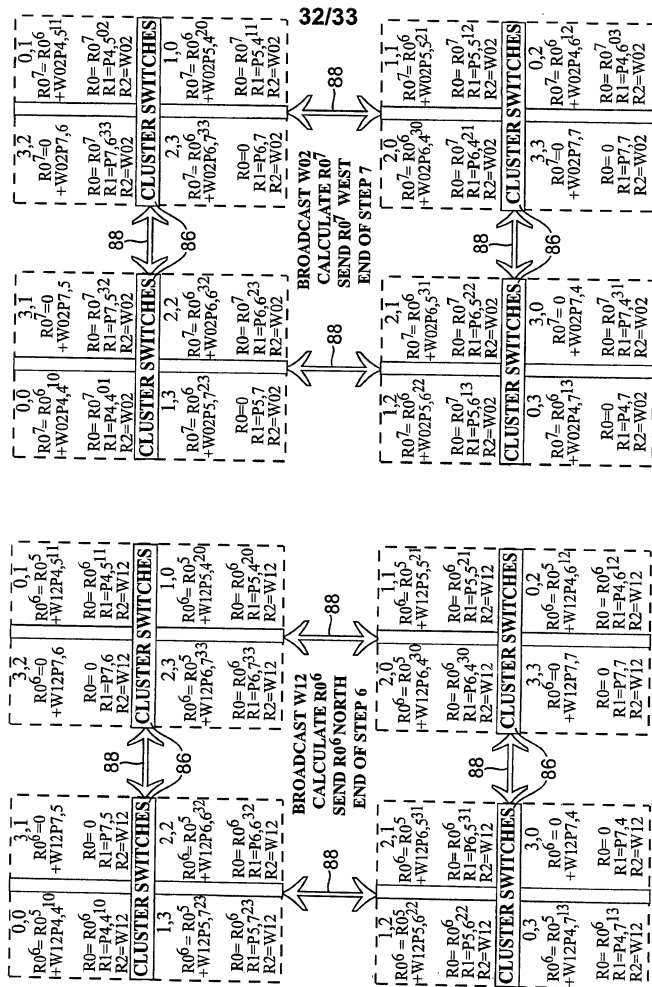


FIG. 23A

FIG. 23B

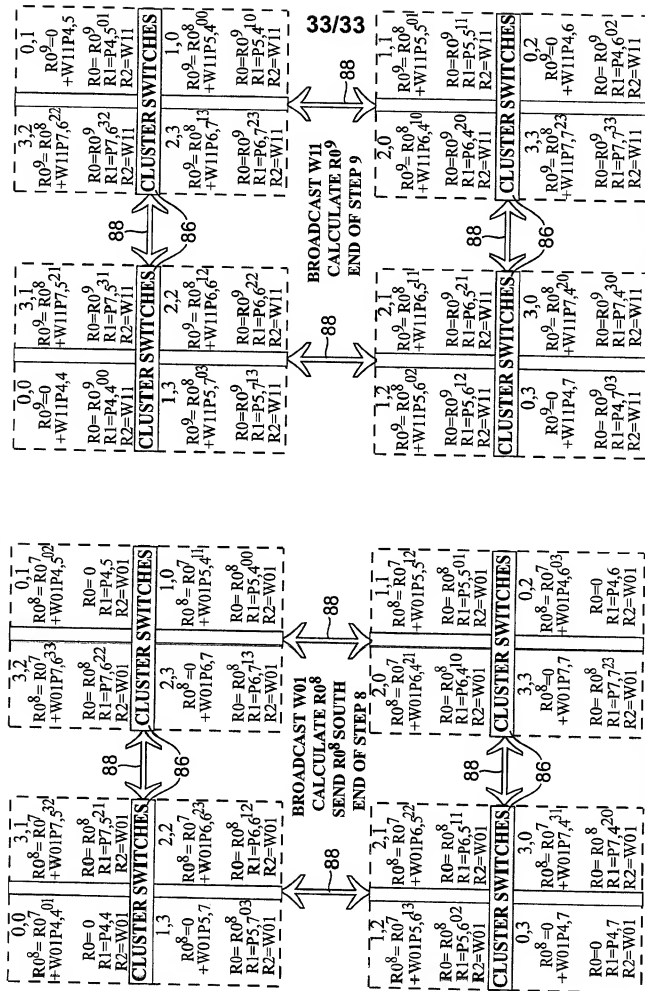


FIG. 24B

FIG. 24A